

In the Claims:

Please amend the claims as follows:

1-14 (cancelled)

15. (new) A side brush adapted to be mounted on a sweeping machine and operative as a brush rotatable about a rotation axis, the side brush comprising:

a base comprising a substantially planar disc;

a plurality of bristle segments each comprising a plurality of bristles and a frame member, each bristle segment being detachably mountable on the base; and

a coupling system operative to couple the bristle segments with the base, the coupling system comprising elongated channels extending substantially radially through the base and being open at an edge of the base.

16. (new) The side brush according to claim 15, further comprising:

fasteners operative to connect the base element to the sweeping machine.

17. (new) The side brush according to claim 15, wherein the bristles in each bristle segment are integrated.

18. (new) The side brush according to claim 15, wherein the frame member joints together the bristles in each bristle segment.

19. (new) The side brush according to claim 15, wherein the bristle segments are immovably coupled into the engagement with the sweeping machine.

20. (new) The side brush according to claim 15, wherein the coupling system is operative to make the bristle segments immovably stationary in a plane of the base, wherein the channels in the base comprise a necking formed in a radial direction at the edge of the base, whereby the bristle segments are first laterally mounted on the base through the open channels and second from above, wherein the frame member of each bristle segment comprises an intermediary of a mating surface arrangement that operative to clamp the bristle segment to the base, and wherein a length of the of the intermediate is at least equal to a length of the channel.

21. (new) The side brush according to claim 15, wherein the frame member of each bristle segment comprises a fusion of ends of the plurality of bristles.

22. (new) The side brush according to claim 15, wherein the bristle segments are substantially elongated and rectilinear.

23. (new) The side brush according to claim 15, wherein the frame member of each bristle segment comprises molded plastics.

24. (new) The side brush according to claim 23, wherein one end of the bristles of each bristle segment are anchored to the frame during solidification.

25. (new) The side brush according to claim 15, wherein one end of the bristles of each bristle segment are anchored to the frame.

26. (new) The side brush according to claim 15, wherein the frame member of each bristle segment comprises a chemically solidifying two-component material.

27. (new) The side brush according to claim 26, wherein the two-component material comprises polypropyleneurethane or epoxy.

28. (new) The side brush according to claim 15, wherein the base comprises a substantially rigid-structured material.

29. (new) The side brush according to claim 15, wherein the base comprises at least one of plastic, metal, ceramic, or composite material.

30. (new) The side brush according to claim 15, wherein the bristles of each bristle segment are arranged at an angle relative to the frame member.

31. (new) The side brush according to claim 15, wherein the bristles deviate substantially from a perpendicular direction.

32. (new) The side brush according to claim 15, wherein at least one bristle segment

comprises bristles comprising a plastic-based material.

33. (new) The side brush according to claim 32, wherein the plastic-based material comprises polypropylene or polyamide.

34. (new) The side brush according to claim 32, wherein the bristles of the at least one bristle segment comprise at least two types of plastic bristles having cross-sections substantially different from each other.

35. (new) The side brush according to claim 15, wherein at least one bristle segments comprise bristles comprising a metal material.

36. (new) The side brush according to claim 35, wherein the bristles are manufactured from steel.

37. (new) The brush ring according to claim 15, wherein coupling system comprises a screw clamp.